## ISSUE SLIP STAPLE AREA (for additional cross references)

POSITION	INITIALS	ID NO.	DATE
ETERMINATION	11/		2/2 1
E. CLASSIFIER	9	149	2/17/0
ALITY REVIEW	11	111590	3/21/20
ONSE FORMALITY REVIEW	-1011		7-(0)
ONSE FORMALITY REVIEW			

## INDEX OF CLAIMS

J	Rejected	·N	Non-electe
	Allowed	- 1	Interference
	(Through numeral) Canceled	Α	Appeal
	Restricted	0	Objected

							÷							F	?est	ricte	ed				0	••••	····		••••			Ob	ject	.ed		
CI	aim	ī					Date	,	_				[	Cla	dm	_				Dat	e					0	lai	m		_		
Final	3	_	12 M	61										Final												3		Original				
	C	1)~	1	Ĭ.	L	1		$\Box$				$\Box$			51 52	_	4	4			Ц	_	$\dashv$	_	Н	-		101 102	4	4	-	
L	И		₩	L	╀	+	+	-	_		_	ᅱ		<u> </u>	53	-	$\dashv$	$\dashv$	-	_	Н	-	$\dashv$	-	Н			103	$\dashv$	+	┪	_
H	H	1 4	-	⊢	-	+	$\dashv$	$\dashv$	-		Н	ᅱ	- }	-	54	$\dashv$	┪	┪	-		Н	-		_	Н	-		104	+	$\dashv$	7	_
⊢	Н	Ы	H	┢╌	Ť	+	7	_		Н	-	f		_	55	Ħ	$\neg$	7			П		П					105		$\Box$		_
	Ì	7	_		T	1	┪	٦					ļ		56													106		$\exists$		_
	C				I	I					П		-		57		_	_		L	L	_			L	Ļ		107	-	4	4	_
L	Ľ	113	上	L	Ļ	+	_			_	Щ				58		4	4		L	Ļ	_		-	-			108 109	$\dashv$	$\dashv$	-	_
L	1	,		Ļ	╀	-	-	_		_	Н	$\dashv$			59 60	$\dashv$		$\vdash$		-	-			-	Н	<b> </b> -		110	$\dashv$	$\dashv$	$\dashv$	_
┝	17	1	+	⊢	╁	+	ᅱ	-	_	-	Н	$\dashv$		-	61	$\dashv$		$\vdash$	_	-		-			H			111	7	7	$\overline{}$	
-	Ġ	۲	V	+-	┪	+	-	-		H	-	Н		_	62	П	$\exists$	$\dashv$		Г	-	Ħ	Г	_	Г			112		_		Ī
$\vdash$	Ç	1	1	1	t	7		_							63													113				Ē
	1		v		I			_							64						_		L	_	L			114		Ц	Ц	ļ.,
匚	C	<b>(</b> )	1	L	Ļ	_[				<u> </u>	1	Щ		L	65	Н	Щ			┡		<u> </u>	$\vdash$	-	-	-		115 116	-	_	Н	<u> </u>
Ĺ	Ç	<u>[)</u>	1		+	4	_			-	-	$\vdash$		⊢	66 67	$\vdash$	-	H	_	-	├	$\vdash$		-	⊢	-		116 117	$\dashv$	$\vdash$	-	-
H	1		1		╁	+	-		-	⊢	-	-		┝	68	-	-	Н	$\vdash$	┢	$\vdash$	┢╾	┝	H	广	i F		118	-	Н	Н	r
⊢	+;	}	+,		+	+	_		⊢	$\vdash$	-	-		H	69		Н		-	-	T	┪	Ė	Г	┢	1 1		119	_	П		Γ
⊦	1,	╂	V	t	+	┪		-	$\vdash$	$\vdash$	-	-		┢	70			Г	Г		T	Г		Г	Τ	1	٦	120			Γ	Γ
┢			Ť	=	:	+		_	<del> </del>		├-	Н		┢	71	Т	_	Г	Г		厂				L	1 [		121				
	è	3	1	Ħ	1	1									72											] [		122		_		
2	2	23		П	Ι					L	L			L	73		<u> </u>	L	_	_	<u>Ļ</u> .	_	Ļ	L	1_	Į Ļ		123		$\vdash$	<u> </u>	L
1000	12	24	4_	4	4	_		<u> </u>	L	<u> </u>	┡	Ļ		<u> </u>	74 75			_	L	├-		Ŀ	-	1	┢	ł ⊦	_	124 125	_	-	-	H
12	- 3	<u>9</u> _	+-	#	+	4		L	-	-	╀	-		┝	76	<del> </del>	-	├	-	╁	⊢	-	ŀ	┢	╁	1 }		126	-	<del> </del>	┝	-
18	×	5 6	-	H	╁		_	$\vdash$	-	┢	┝	⊢		Н	77	H	H	-	H	╁	┢	┢	-	H	t	i t	-	127	Н	H	-	H
ď	12	8	╢	H	╅	-		┝	┢	┢	+	-		一	78	-	H	H	-	T	十	t	T	t	1	1	$\neg$	128	_	Г	Τ	r
٩	2	9	+	H	H	┪	_	-	-	1	$\vdash$	1	ĺ	Г	79	Τ	Г	Ι-		T	Τ.					1 [		129				
1	١ (	30	1	1	Ħ	7									80					L	L	L		L		] [		130	_	L	Ļ	L
		31	I	Ι	I					L				L	81		L	L	_	L	-	L	L	1	1-	1 }		131	ļ	-	<u> </u>	Ł
	_	32	Ĺ	$\perp$	4	_	_	L	_	1	1	_		L	82		1	<del> </del> −	$\vdash$	1	+	-	╀	-	╀	1	_	132 133		-	├-	+
L		33	+	+	4	4	<u> </u>	<u> </u>	$\vdash$	+	+	1	1	-	83		-	$\vdash$	+	+	+	-	$\vdash$	╁	╁	┨	-	133		$\vdash$	╁	t
-		35	╬	╀	+		_	-	-	╁	+	-	1	-	85		╁	+-	+	╁	+	$\vdash$	+	+	+-	1	_	135		$\vdash$	$\vdash$	t
+		36	+-	╁	+	┥	-	+-	+	+	+	$\vdash$	1	H	86		T	T	1	✝	T	1	T	T	T	1 1	_	136		Γ	Γ	Γ
-	_1_	37	+	t	†	-	Т	Τ	†	1	T	1	1		87		L			I					Γ	] [	_	137		L	Γ	Γ
	1	38	T	Ţ	1				I	I			]		88					Γ	$\Box$	匚	L		L	1 [		138		L	1	1
		39	Ι	$\mathbb{I}$	1				L	L	Ľ	L		L	89		1	1	1	4	1	1	4	1	+	4 }	_	139		ـ	╀	+
L		40	L		1		L	1	1	Ļ	1	1		1	90		↓	╁-	$\perp$	$\perp$	_	$\vdash$	+	1	+	4		140	1	+	╀-	╀
L		41		1	_	_	L.	L	1	1	1	丰	1	L	91		-	╄	4	+	+-	1	+	+	+	4 }	_	142		1-	+	+
$\vdash$		12	+	+	4		<u> </u>	⊬	-	+	+	1	1	-	92		+-	╀╌	╀	+	╁	╁	+	╁	+	┨ ┞		143		十	+-	+
-	_	43	+	+	4		$\vdash$	╁	╁	+-	╁	╁	1	$\vdash$	9.		+-	+	+	+	+	+-	+	+	+	┥ <b>├</b>	_	144	-	t	+	†
$\vdash$		44 45	+-	+	+		-	+-	╁	+-	╁	+-	1	$\vdash$	95		+	╁	†-	+	+	+-	+	t	+	1 1	_	145	-	$\vdash$	$^{\dagger}$	†
+		46	+	$\dagger$	7		1	T	t	+	†-	T	1	$\vdash$	96	_	T	1	T	I	Ι	I	1	I		] [	_	146				Ι
1		47	+	$\dagger$	7		1	T	٢	T	1		1		97			L	I	I	I	Γ	I	I	Ι	] [	_	14		L	L	1
[		48	I	I		_				I	I				98		L	L	Ĺ	L	1	L	1	1	1	4		141		+	4	+
	_	49	T	I	_	_		Г	1	Ĺ	Ļ	1-	-	$\vdash$	99		+	$\perp$	+	+	+	+	+	+	+	4 }		15		+	+	+
L	_	50			_		1_	L	L		_	L,	J	L	10	<b>u</b> _		Т			_i_		_			ا لـ	_	IO	4			1.

Cla	um				-			Dε	ute	•	_	_	٠.			_
				Ī		Ī						T			Γ	_
Final	Original			l		l			l							
	101			I	_	Ī			Ī			1			Γ	_
_	102		L	1	_	ļ		_	1		_	4		_	ļ	
	103		_	1	_	1		_	4		Ļ	4		L	Ļ	_
	104 105		-	ł	-	ł	_	-	┨		H	+	-	┝	╁	-
_	106		┢	t		t		-	†		H	1		┢	†	-
	107		Η	1		t	_		1		r			Г	T	
	108			I		I	Ξ.		]						Ţ	
	109		L	1		1	_	L	4		Ļ	_		L	+	_
	110		┞	4		4		L	4		ŀ	4	_	L	+	-
	111		┡	+	·	+		┝	+		┞	┨		┝	+	
	113		-	+	_	t		H	1		H	┪	_	┢	+	-
_	114		1	t		t		H	7	_	t		_	T	†	
	115		Г	1		1					Ī				Ī	•
	116		L			Į		L			L		_	L	1	
	117		L	4	_	1		Ļ	_	_	Į.	_		ļ.	+	
_	118		┞	1	_	4		┞.	-	H	╀		-	╀	+	
-	120	+-	╁	1	-	1	_	t	-	┝	t		┝	╁	+	-
H	121	₩-	╁	+	_	┨		╁	-	$\vdash$	t	-	┝	۲	+	-
-	122		t	1		1		t		Н	t		H	t	†	
Т	123		T			1		T	_		İ			Ī	1	
	124		L					I		Ľ	I	_	Ш	L	1	
_	125		╀		_	4		╀		_	ļ		L	1	4	
-	126		╀	4	ļ	4	-	╀	_	-	+	_	⊢	╁	+	
_	127		╁	4	H	4	_	╀	-	⊢	+	_	├	╁	+	-
H	129	_	╁	-	H	1		t	-	-	t	_	$\vdash$	t	†	-
┢	130	-	十	1	r	1		t		Г	†	_	Т	t	7	
	13	1						Ι			1			Ι	$\Box$	
	13		L		L			L	_	L	1	_	L	1	4	
<u> </u>	13		1	_	_	_	L	+	_	⊢	4		⊦	+	4	
-	13		+	-	┝	_	-	+		⊦	+	-	$\vdash$	+	+	-
-	13		╁	-	+	-	-	+	-	+-	+		1	+	+	
-	13		$\dagger$	_	t	_	Η	t	_	1-	1		T	†	_†	
	13	В	I	_	L	_		I	_	L	1		I	T		
	13		I	_	Ĺ		L	1		1	4		L	1	_	
L	14		1	_	L	_	L	1		1	4	_	Ļ	ļ	4	
L	14		-		1		L	+		╄	4		1	1	4	
H	14		+		-	_	-	+		+	4	_	+	+	4	
$\vdash$	14	-	+	_	╀	-	-	╁	_	╁	4	_	۲	+	-	ĺ
$\vdash$	14		+	_	t	-	-	+		+	1		t	+	-	i
H	14		+		t		T	$\dagger$	_	$\dagger$	-	-	T	†	T	i
	14	7	I		I	_	L	I		I			I	1		ĺ
1	14		1	_	Ĺ	_	L	Ţ	_	ľ		Ĺ	L	1		ŀ
-	14															

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)